IN THE CLAIMS:

1. (Currently Amended) A low-profile motor, comprising:

a motor base comprising a steel plate having a cylindrical motor mounting part and a stator core, such that the motor base, the cylindrical motor mounting part, and the stator core are integrally part of said steel plate;

a bearing located within said cylindrical motor mounting part;

a rotator unit, comprising a rotor yoke attached to a shaft, said shaft rotationally supported by said bearing; and

~~a plurality of rotor magnets~~ at least one rotor magnet attached to said rotor yoke; ~~and~~

wherein the stator core comprises ~~a stator core attached to a projected portion of the motor base, said projected portion comprising~~ a plurality of winding parts that are integral with said motor base, ~~wherein~~

the plurality of winding parts comprise tongues extending in a radial direction towards or away from said cylindrical motor mounting part,

~~the plurality of winding parts are integral with said motor base,~~ and

the plurality of winding parts ~~are bent such that~~ having radially extending ends not connected to said motor ~~base are~~ base, and opposite the rotor magnets.

2. (Currently Amended) The low-profile motor according to claim 1, wherein the motor base ~~and the plurality of winding parts are entirely formed of~~ is a single silicon steel plate.

3. (Withdrawn) A method of manufacturing a low-profile motor comprising:

forming a cylindrical motor mounting part on a motor base,

mounting a bearing in said cylindrical motor mounting part;

mounting a shaft in said bearing, said shaft being supported in a radial direction by said bearing;

attaching a rotor yoke to said shaft;

attaching a plurality of rotor magnets to said rotor yoke;

cutting a plurality of tongues from said motor mount in a radial direction from or towards said cylindrical motor mounting part, thereby forming winding parts constituting the stator core; and

bending each of the winding parts such that the end of each winding part is opposite a rotor magnet.

4. (Withdrawn) The method of forming a low-profile motor according to claim 3, wherein the steps of forming the cylindrical motor mounting part and cutting the plurality of winding parts are performed by press processing.